

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Pandino 30 CCT Switch*
Item No: *AZ5657_CW*
Serial No.: *AZ5657_CW*
Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6584_CW*
LuminaireName: *AZ6584_CW*
LuminaireNumber: *AZ6584_CW*
FileName: *AZ6584_CW.Idt*
Date: *2025-07-11*

Dimensions of luminaire

Length: *300 mm*
Width: *0 mm*
Height: *45 mm*

Dimensions of luminous area

Length: *275 mm*
Width: *0 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

GL Optic R&D Center Sp. z o.o.
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PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

Raiffeisen Bank Polska S.A.
PLN: IBAN 78 1750 0012 0000 0000 2709 9432
EUR: IBAN 06 1750 0012 0000 0000 2709 9467
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 1518,68 lm
Color temperatur: 5408 K
Color rendering index: 91,98
Wattage including ballast: 23,16 W

Utilization factors:

k = 0.60	0,294
k = 0.80	0,378
k = 1.00	0,453
k = 1.25	0,527
k = 1.50	0,584
k = 2.00	0,672
k = 2.50	0,722
k = 3.00	0,760
k = 4.00	0,812
k = 5.00	0,845

Electrical parameters

U = 229,717 V
I = 0,190 A
P = 23,156 W
Power factor = 0,530

Power apparent = 43,675 VA
Power Reactive = -28,804 var
Frequency Voltage = 50,002 Hz
THD = 149,636 %

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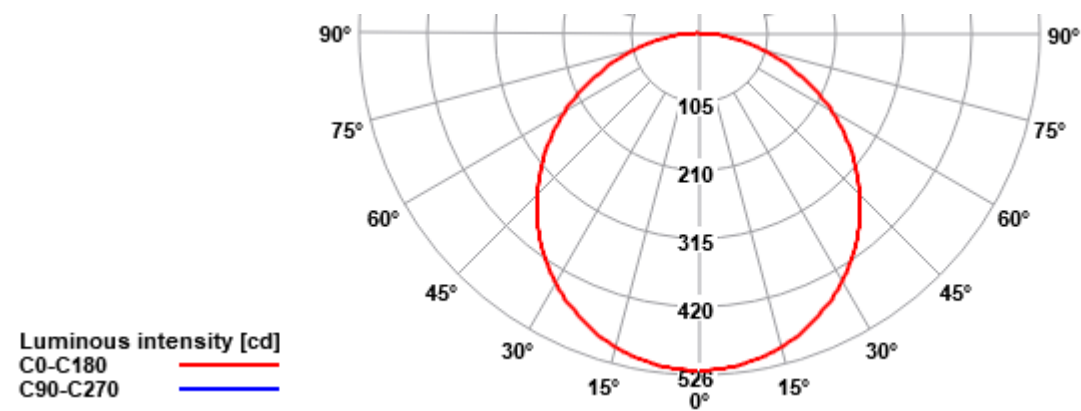
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1518,68 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	520,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	65,57 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3348
y	0,3501
Angular Colour Uniformity	0,0004

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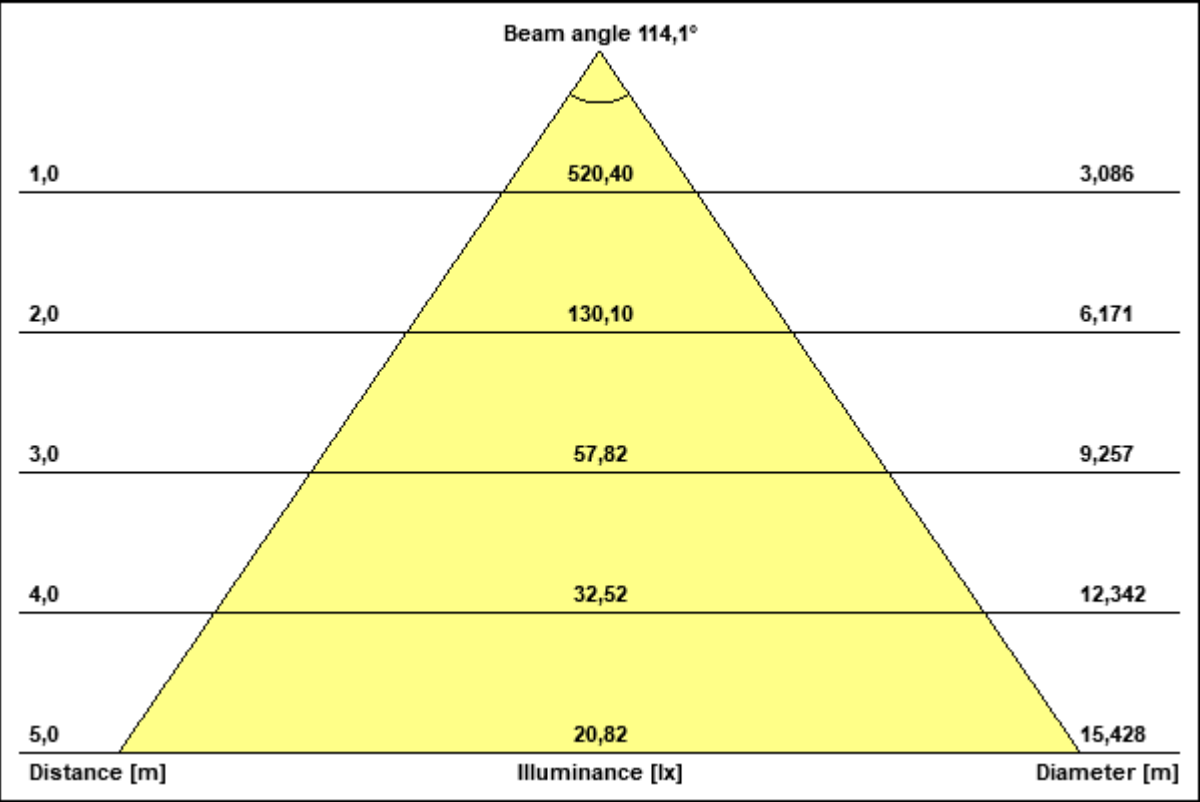
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Beam cone



Stabilization

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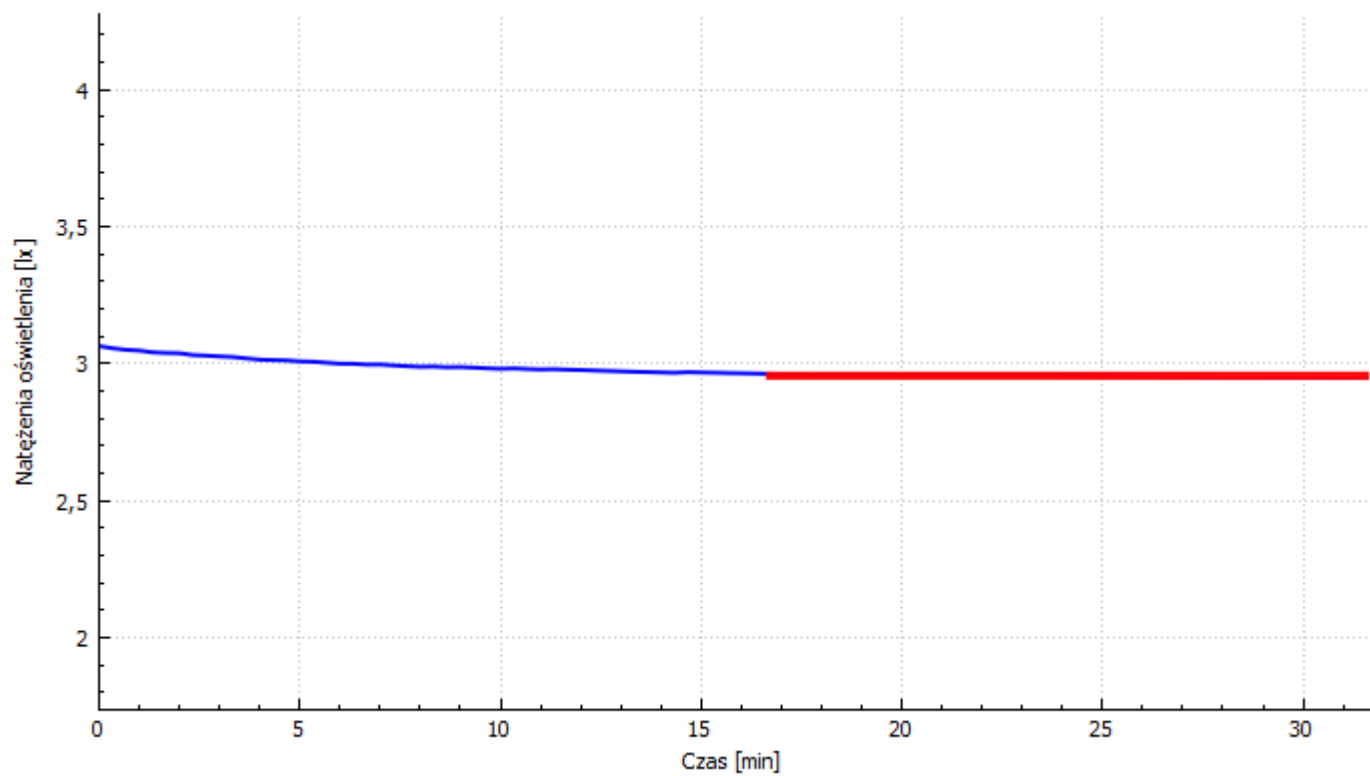
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3D Chart

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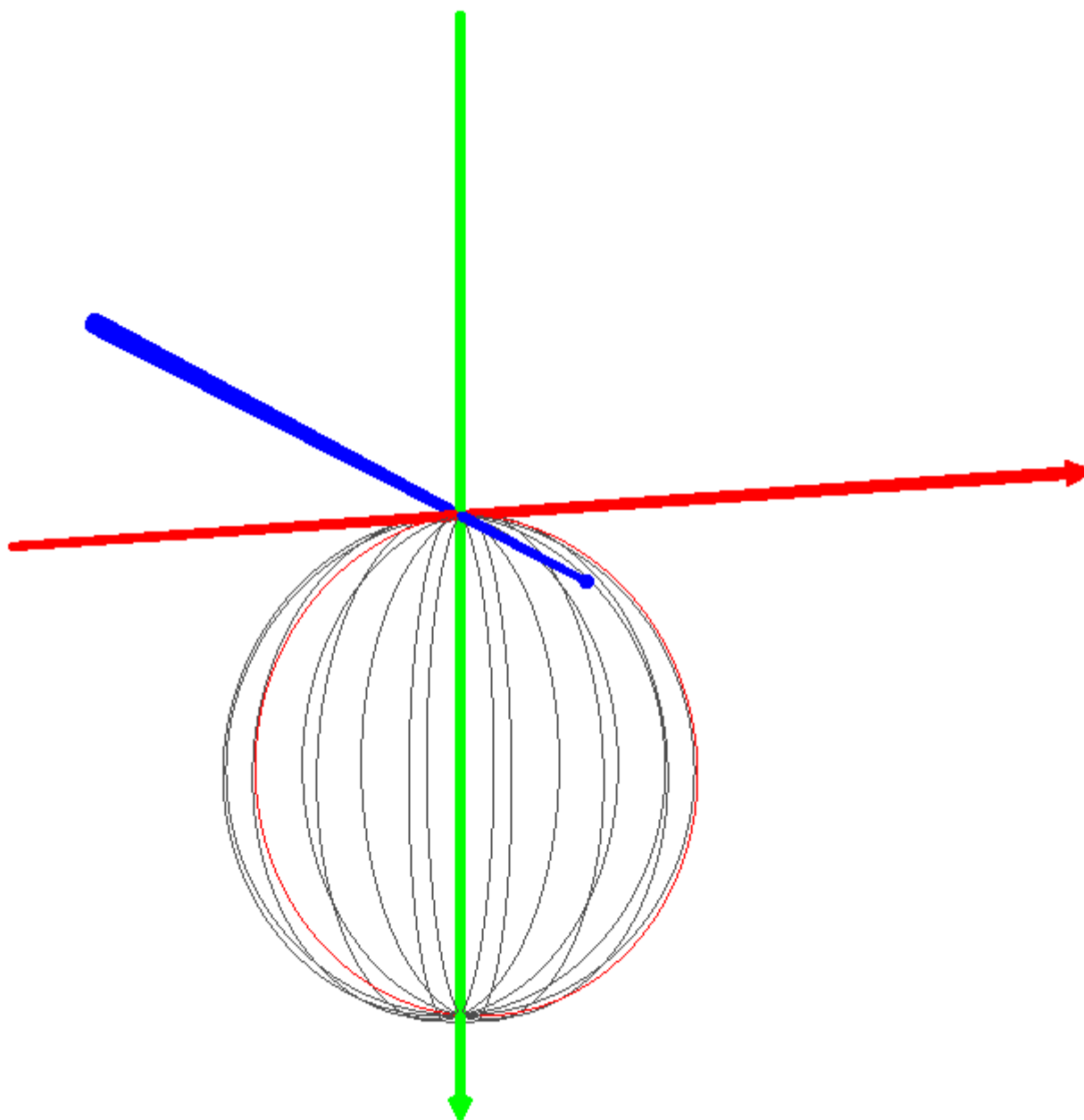
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00165	0,634	0,00562
1	100,000	100,000	100,000
2	0,0102	0,129	0,0063
3	0,0852	90,766	-0,403
4	0,00427	0	0
5	0,0798	75,223	0,0576
6	0,0023	0	0
7	0,0617	56,319	0,335
8	0,00173	0	0
9	0,042	38,542	-0,148
10	0,0022	0	0
11	0,0319	26,807	0,0218
12	0,00121	0	0
13	0,0288	23,150	0,0887
14	0,0011	0	0
15	0,0307	22,787	-0,110
16	0,0017	0	0
17	0,0337	21,075	0,0717
18	0,00135	0	0
19	0,0273	17,675	0,0388
20	0	0	0

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21	0,0236	14,515	-0,0599
22	0,00158	0	0
23	0,0224	13,267	0,0623
24	0	0	0
25	0,0247	13,180	-0,00892
26	0	0	0
27	0,0254	12,617	-0,0317
28	0,00157	0	0
29	0,0239	11,016	0,0494
30	0	0	0
31	0,0202	9,106	-0,0135
32	0	0	0
33	0,0192	7,918	-0,00623
34	0,00132	0	0
35	0,0188	7,628	0,0274
36	0	0	0
37	0,0196	7,392	-0,018
38	0,00107	0	0
39	0,0181	6,640	0,00225
40	0,001	0	0
41	0,0174	5,508	0,0143
42	0	0	0
43	0,0134	4,554	-0,00994
44	0,00104	0	0
45	0,0135	4,142	0,00552
46	0	0	0
47	0,0128	3,993	0,00441
48	0	0	0
49	0,013	3,692	-0,00617
50	0,00131	0	0

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